RECORD

nbe

cc

Account of Field Trips to the Southeastern States in summer seasons of 1948 and 1949

Aug 20 Left Cambridge 1:40 PM
Speedometer Reading 20041
arrived Amherst @ 4:10 Stayed
in Amherst until 5:10.
Crossed Connecticut Thru Danbury, crossed
over Bear Mt Bridge, Drove down
route 9W, stopped at 12 Midnight
at cabin on Rt 9W at Nyack NY.
Speedometer reading 20300 at Nyack.

Dinner — $1.10 — Thomaston Conn.

over to p 6

Jeep Expenses

Date	Gas	Oil	Date	Gas	Oil
Aug 20	(11) 2.70	(2) .80	22872 8/31	(5½) 1.50	.40
20041 " 20	(4) 1.00		9/1	(10) 2.80	.40
" 21	(4) 1.00	(2) .70	Sept 3	(5+) 1.50	.80
" 21	(4.5) 1.00		3	(10) 2.80	
" 21	(8) 1.88		Sept 4	(7+) 2.60	(3) 1.20
" 22	(10) 2.60		23766 5	(10) 2.75	
22		(2) .80	6	(10) 2.75	.40
Aug. 23	(11) 2.75		Sept 7	(10) 2.75	.40
23		(2) .40	Sept 8	(8) 2.40	1.20
Aug 24	(11) 2.60	.40		(10) 2.95	.40
24	(10) 2.61	.40	Sept 9	(10) 2.75	.40
Aug 25	10 2.55	.40	24867 9	10 2.70	.80
no gas bought Aug 26			10	10 2.55	.40
Aug 27	(10) 2.55	.40	(to work, 25160 14	—	)
21889 " 27	(8) 2.30		Sept 12	(10) 2.50	.80
25	(4) 1.00	.80	14	(9) 2.35	.40
28	(8) 2.20		15	(10) 2.50	.80
22482 Aug 29	(8) 2.25	oil change 1.60			
29	(9) 2.50			$79.73	$18.35
29		grease 2.05			
30	(10) 2.75	.40			
31	(6+) 1.70	.40			
	(6) 1.50				

27 6
9
243

81235

Date	Gas	Oil	Date	Gas	Oil

Lodging

Aug 20	1.75 each - cabin on Rt 9W Nyack NY	
Aug 21	Overnight in Wash DC	
Aug 22	Overnight cabin - $2.00 each. Suffolk Va.	
Aug 23	Overnight cabin - $2.50 each Elizabeth City NC (This cabin exceptionally well furnished etc.)	
Aug 24	Overnight Motel - Myrtle Beach S.Car - El Ranchito Motel rather luxurious etc -	2.25 ea
25	Cottage a cabin at Sequoia Court, Richmond Hill Ga -	2.00
26	" " " " " -	2.00
27	overnight cabin at Eau Gallie Florida -	$1.75
28	" "cottage" at Goulds (Homestead)	2.50
29	" cabin - good - Polk City	1.50
30	" Motel al-5 - Lake City, Fla - plush	$2.50
31	" Motor court, Greenville Fla	2.00
Sept 1	} Bogalusa Florida	
2		
Sept 3	Room - Tourist "cabin" - Ackerman Mississippi	$1.50 ea
Sept 4	Colonial Hotel, Oxford Miss.	1.50 ea
Sept 5	The Village Motor Court - Somerville Tenn excellent	1.75
Sept 6	" " " " " "	1.75
Sept 7	McDowell Motor Court, Winchester Tenn. Ok	1.50
Sept 8	Laurel Inn, tourist house, south of Asheville N.C.	$2.00
Sept 9	Tourist Court - cottages just s. of Norlina N.C 2 rooms adjoining	$2.50 ea

Miscellaneous Expenditures - Jeep.

2 Boxes Oakite (Jeep)	$.28
Repair window wiper fuse	.25

20585
400
20125

Aug 21 Saturday

Breakfast Nyack NY diner - .95
Lunch - Lambertville New Jersey House Hotel - 1.35
Left Nyack 8:50 Arr. Wash DC 6:45
Followed Rt #1 US 202 down to near Philadelphia - then #1 to Washington
202 was very good except for stretch between Suffern NY + Morristown Pa.
Rt 1 excellent, although excessive traffic.
Stayed overnight at Aunt Annas in Arlington - 3912 14th South St.
Left exhibit pictures and specimens at Apt - 315 Franklin St.

Weather - cool + cloudy until central N.J when became warm + humid - scattered
Thunderstorms along way - avoided them all, except in Baltimore - quite heavy rain + lightening - ran out of storm going south west

Aug 22 Sunday

[illegible]

[illegible]

[illegible]

Monday Aug 23, 1915

Left Suffolk Virginia on [illegible] [illegible]
[illegible] on [illegible] road [illegible] [illegible]
[illegible] [illegible] [illegible] with the
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible]

[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]

Tuesday, Aug 24 1915

Left Elizabeth City N.C. about [illegible] on the [illegible] of the south [illegible] for [illegible] Albemarle Sound – long [illegible] [illegible] [illegible] Albemarle Sound will through the [illegible] [illegible] [illegible]

Wednesday Aug 25, 1881

Near Spanish Peak Pagosa

Left Mystic Park about 11 this A.M. [illegible] for [illegible] [illegible] out of the valley followed down to the Lake [illegible] cut off by [illegible] Canon, then [illegible] Lake [illegible] [illegible] all the way.

Vegetation changes very quite [illegible] table below [illegible] [illegible] [illegible] more abundant [illegible] [illegible] [illegible]

[illegible]

[illegible]

[illegible]

Thursday Aug 26 — [illegible]

[illegible]

Friday Aug 27, 1886

Left Kalamazoo 1:45 p.m. stopped in Battle Creek long enough for supper. Passed through a very pretty country — hills & valleys — some very fine farms. Reached Niagara Falls at 8 p.m. — passed through Buffalo — pretty city — very extensive docks — many vessels — passed through Tonawanda — Grand Island — Niagara — Suspension Bridge — Cataract House — Prospect House — Clifton House — Bridge — Rapids — Whirlpool — Cataract — Goat Island — Bath House

Monday Aug 30, 1909 - Lake City Mo

Left Lake City about 9 a.m. This
AM — no place to eat breakfast until
reached Chanute. Encountered a pelting
7 mile wind, dense overcast, and
nearly blind before getting there
and also with cotton pants. The
Chanute particularly excellent. We had a
Visitor in long wooden overcoat and
mitts & leathers - late in. Tired, with
the Improvement Association appeared in
Chanute for Algona. Lady exhibit
in Lyceum, near Chanute. Fine country
had wind Effingham

From Iola drove out north. Then
turning on the right by Epsworth
OK in a mile. Little more north
Turf velocity continuous, some stones.
Tired before OK near noon - with dirt
enough fields. My company found there
was forwarded to first plantation
applied wind but in a lovely
comfortable wooded place. Followed
planning to Epsworth - ride to Iola

Wednesday ~~Aug~~ Sept 1 1948

[illegible] Greenville about 7 miles [illegible] we [illegible] West of Tallahassee [illegible] Cliftonia for the first time on this trip. It supposed to occur in southeastern Gulf & Atlantic coastal plain states but we have never seen it. Was told by one of the workers of the phosphate area that he had never heard of the tyty - or any other name the common title there (Cyrilla).

West of Blountstown turned south to Panama City. Pan. C. is on the gulf coast a rapidly growing city of over 7 000. Road from here west runs along the whitest beaches I have ever seen - sand - proposed for - above all - numerous stretches of white sand along coast. Low dense vegetation along there is stretched for miles or quite a ways with before the pines come in. Very - [illegible] pine - [illegible] They seem to

coffee shop on the coast. Travelled the coast road to Nanaimo & turned north to Qualicum 25 miles arrived at Parksville about 7.30. George was waiting in the yard

Weather was hot & sultry clouds began to build up after lunch and a very dark sky developed to west, west around N.W. to the south of Van City & over Victoria. Kept building up inland along the west line but we probably escaped all storm & rain

Thursday Sept 2, 1948

Location of Pliocene? outcrop –

Century Quadrangle GSA map
Florida – Sect 2 3 N. 32 W

Spent the AM until [illegible] with [illegible] & [illegible] & [illegible] – crossing timber on the [illegible] July & Pogo & land [illegible] ½ mile west of Molino – [illegible] the Escambia River. Most of the way [illegible] on [illegible] which [illegible] – the Escambia River flood plain – a [illegible]. There was a good stand of Nyssa aquatica & N. sylvatica (or biflora) [illegible] land once dominated by Taxodium. The [illegible] forest floor was mud but not much more than ankle deep except where big sloughs had been left in dragging cypress logs out years ago. There was [illegible] many [illegible] by large [illegible] drawn by steam engine – tables [illegible]

as heavy they were driven back into the woods by smaller rebels or another Alabama. The swamp was well sprinkled with huge cypress stumps, still standing.

Met with fine water moccasin in ploughing through the spring-head swamps in the pine woods. 3-4 ft long. Killed one & other got away.

Heavy rain & black clouds to S. west on way back to Milton – we were at Bagdad until later in afternoon & got shower only & remained cloudy the rest of the day.

Late this afternoon Jenny Lind was not to be place north of Milton – 2 or 3 miles of pine land. Much impressed by the fence he has built – will be finished in another few minutes – very neatly done & good taste.

Friday, Sept 3, 1915

Left Bogalusa about 10 o'clock. A dull gray rain started falling shortly before dawn today. Continued all morning and became heavy rain along the coast in the afternoon on the Mobile road. Not much in Mobile Alabama. Turned north and went up with Messenger as far as Robertsdale, Chas. Co. - brought down steyger some miles below Meridian - hadn't rained up here for several days except scattered showers. Very skies a much cooler going north above Meridian. Going north from Gulf coast there - a very rapid change - vegetation - chiefly on the coastal plain is left behind - the sub tropical vegetation rapidly drops out of cultivation. Saw the last date palms & California palms in Mobile - also palmetto is not shortly north of Mobile. The pine woods rapidly become much hardwood and deciduous forest

Mileage 23440

Left on for 34000 miles

Going north from the coast there is a rapid change in geological formations — Citronelle limestone above Mobile — red & yellow sands & sandstones — much limonite & small sandstone gravels in the Citronelle. Some fossil wood but very scarcity.

Below Meridian in the Westward exposures of the Claiborne, then the Jackson, and finally the Wilcox. Collected a small sample from a closely laminated lignitic "shale" of the Wilcox about 4 mi north of the Pioneer Co. Mine on Route 45. Lots of bedded lignitic clay & sand perhaps very few leaf fragments.

Saturday Sept 9, 1911

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

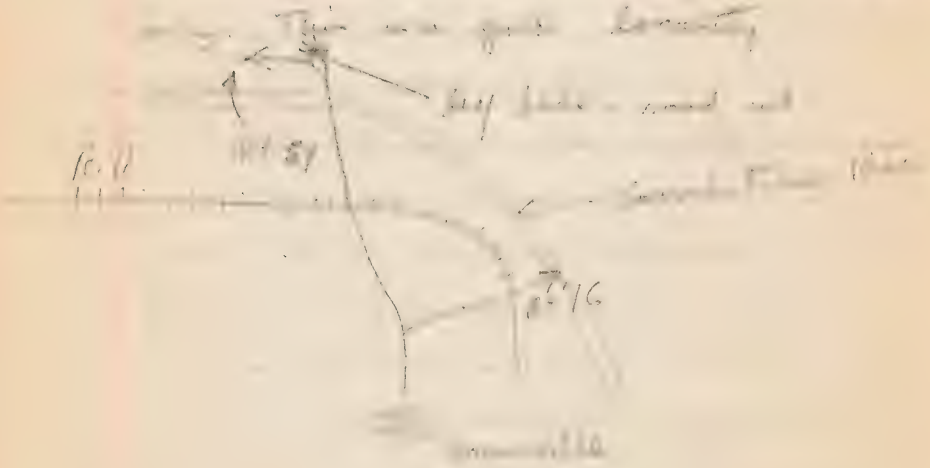
Library
23575

[illegible]

Sunday Sept 5, 1897

[illegible]

Took train + [illegible] (Mr [illegible] and others accompanied) + [illegible] - passed on to Hickory Hill [illegible] [illegible] [illegible]



Monday Sept 6, 1948

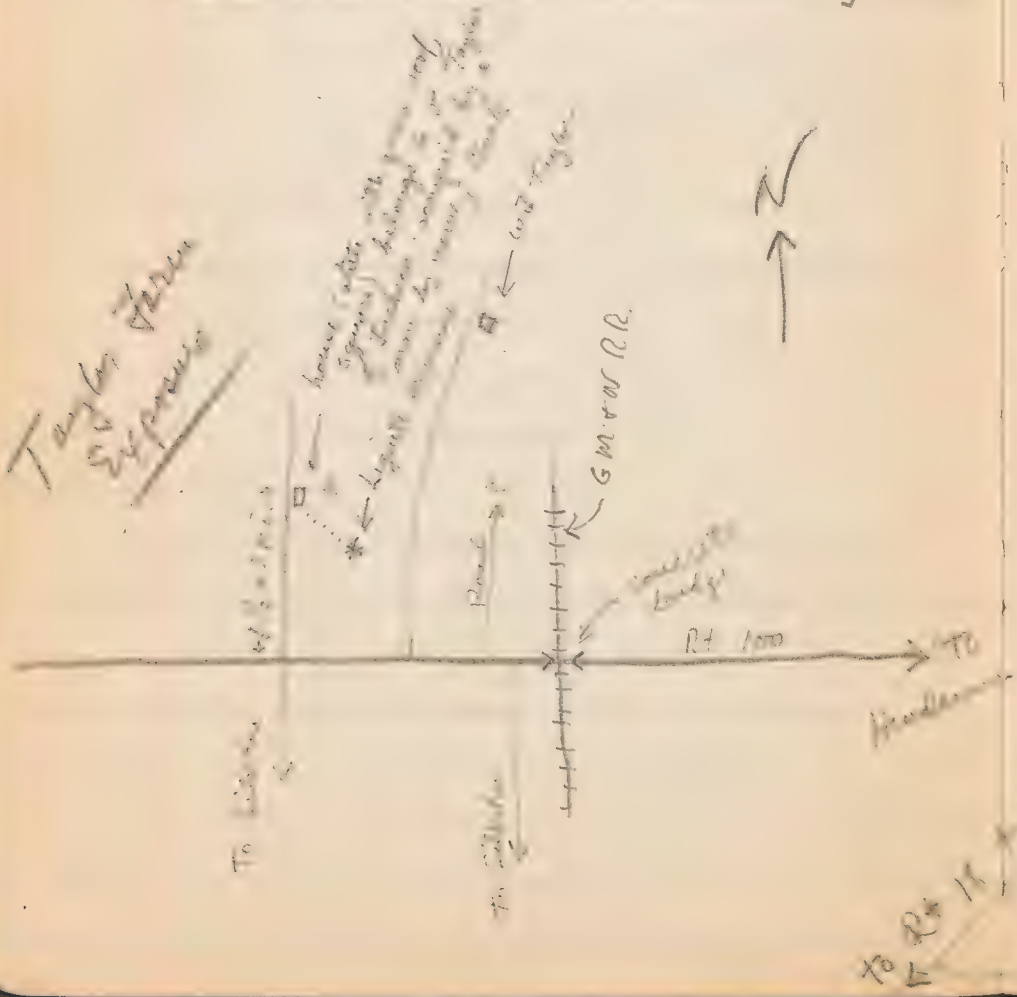
After breakfast drove to Henderson and inquired at Court House for location of Taylor Farm, Silerton Rd, Chester Co Tenn. Learned that there are 4 or 5 Silerton Roads and several Taylor farms. Went first to William J. Taylor whose house was located with no great difficulty. This is 10 or 12 miles west of Henderson - the 2nd road to the north after crossing the concrete bridge over the Gulf, Mobile & Ohio R.R tracks. House is on the right side - a white house about 1¼ miles from highway #100. W.J. Taylor is 74 yrs old but in good health. He took us to the lignite outcrop on his bottom farm - including walking thru the pasture & gullied scrub woods 3/4 mile or so to the deposit.

Spent about two hours at the deposit -

Latter part of Pure Tex - the big cut of the G M & N RR

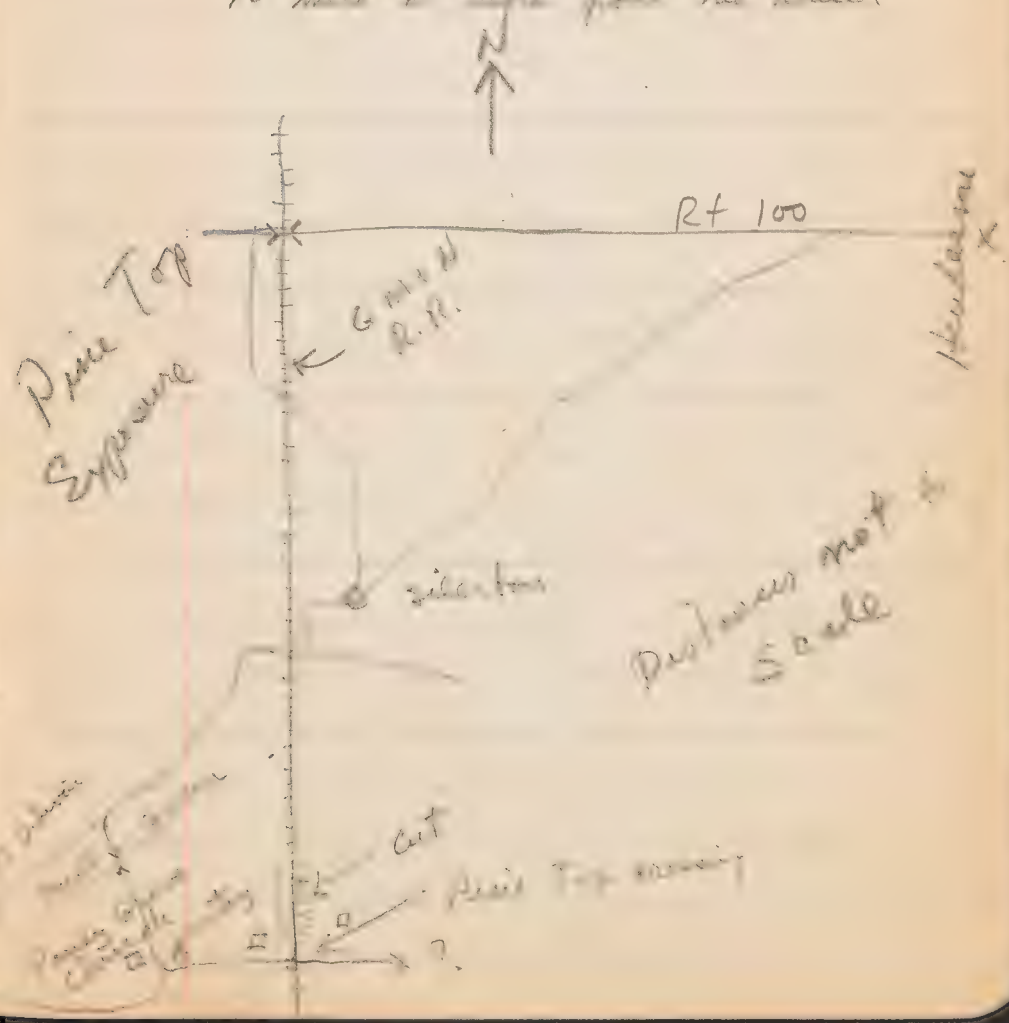
Milepost 23.98 142 miles to go

north of the road crossing known as Pine Top. There is a very spectacular exposure of the Holly Springs sand resting unconformably on the Alibamo fossiliferous layer interesting but a bit difficult to work on account of steep slope. Worked there until dark and returned to Somerville by 8:30



V. vitis rotundifolia quite common in south part of the area.

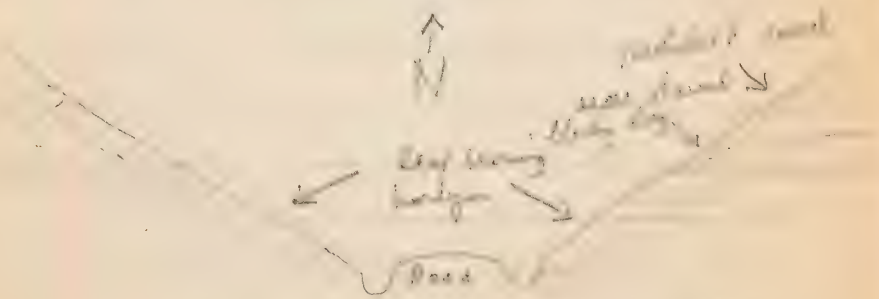
The Taylor farm lignite exposure is on the southwest "valley" of a deep gully (20-30 ft). The gully is the western most (?) of three gullies - The two are south & somewhat S.W. of the lignite gully. The lignite gully is ENE or NE from the Taylor house, about 1/2 mile as the crow flies from the house.



S.A. Robertson
(Sgd) Robert S. Robertson
Somerville, Tenn.
Owner of NE corner of fence
in question.

Tuesday Sept 7, 1948

Repeated the Tues before breakfast after breakfast collected at the road cut 1 mile north of Somerville. There is very fine silty clay with abundant leaf prints, compressions and impressions. Quite a few articulate specimens and separate flowers or floral units are in the deposit. Total exposed clay bank has a vertical 20 feet along the left side of the road and the fossiliferous clays extend up to a 20 foot above the road on a gentle slope:



cut 1 mile north of Somerville

– see page 34

Material sought is under 24209 [illegible] folders

after lunch at Greenville drove
to Memphis to pick up mail. Left
M. about 2 P.M. and started out
on Lot 64. Dinner at Greenwood.
Good supper, large excellent food and
reasonable $1.00 for whole. Continued
east to Vicksburg. Tour-a-night
at 6. at 11.35 P.M. Distance from
Memphis about 265 miles. Tourists
are commonly being asked from
east to west.

The Indian oleanders considerably
east of Greenwood and most are
not blossoming - change from Texas to
Pelican coast. Distance [illegible] and
vegetables to [illegible] [illegible]
The Mississippi River - relatively flat
or gently rolling country.

Wrecks - Hurricane over the 8th
at Greenville that blowed to a hoop skirt
with 55 cent - No rain all day.
Lightning & [illegible] all the way out
bought. Lot of great lightning

Wednesday Sept 8, 1948

Left [illegible] Tacoma about [illegible] [illegible] to Chattanooga [illegible] and left [illegible] miles. Arrived Sheff about [illegible] miles. Difficult driving over the valley and ridge terrain. Continued NE from Sheff on route [illegible] through Hamilton to Marysville, with detour from Marysville through The Great Smoky Nat'l Park with Cherokee Gap and up The Clingmans Dome road. Drove up to the top of Clingmans Dome - 6643 ft above. A wooden tower has been built on the summit, on the spruce forest which covers the summit. Left Clingmans Dome just about dark and drove down to Alt. 19 and east to Cherokee. Stopped at Cherokee about 11:15

The roadway through the Smokies seemed as much or more beautiful than my memories of the mountains when I was there last in 1935 or 36. The present green mountains

Nightly [illegible] through 24538

Hwy 321

[illegible] for more impressive. From the [illegible] of the [illegible] Lowland highlands and the great open valleys you an impression of enormous extent and limitless mountains beyond. The clouds were creeping through the mountains from the north, filling the [illegible] valleys [illegible] at a height of [illegible] thousand feet – a cold clammy fog.

At the top of Cheequamus Tower the cold wind whistled through the spruce trees – the scraggy old forest spruce which lined the higher slopes. The peaks were rushing beyond the boiling masses of white cloud vapour which swept over the chasms – a sea of yellow and red and tumbling masses of grey. Beyond and all around rose the dark masses of the mountain walls.

Dinner 1.03
Lunch .60

Thursday Sept 9, 1948

Left Asheville N. Car about 11:20 AM after breakfast etc. Drove east on Route 70 to Lexington N.C. then left to Pittsboro then 15-501 to Durham. Rt 294 to Wake Forest; Route 1 to Nashville. Stopped at Rocky Mt at 11:20 P.M. 249 miles.

Country east of Asheville continues hilly for a few miles. The high mountains in the distance left behind and south, slowly to north. East of Marion the terrain is low hills — becomes quite flat in region of Statesville. More hilly east of Salisbury to region of Chapel Hill was in the south. Leaving Chapel Hill we passed the university institution. Looks like a very quiet and decorous institution with the young and splendid of youth and [illegible] associated in the building [illegible] — the region passed through being one to be predominately corn in the western part of the state

mileage brought forward 24867
Mileage today 249
= 25116

[illegible]

[illegible]

[illegible]

Weather [illegible] all day [illegible]
[illegible] left behind [illegible]
[illegible] all day. Tonight [illegible]
[illegible] lightning off [illegible]

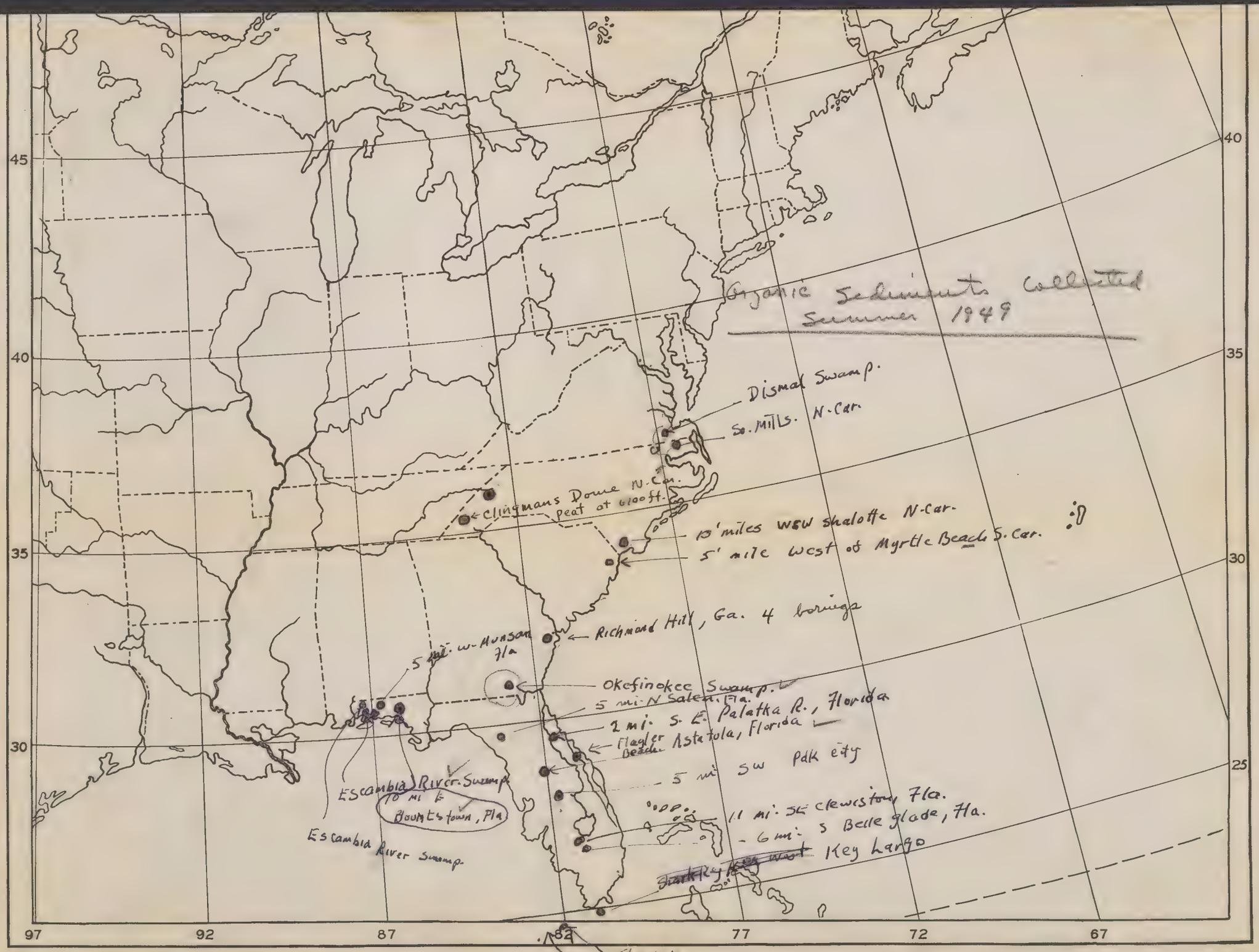
Friday Sept 9, 1948

Left Nashville, N. Car.

Tuesday Sept 14, 1948

left Washington at 3:45 the afternoon.

Michael
Haight
N.J.
25411


Organic Sediments collected
Summer 1949
Dismal Swamp.
So. Mills. N. Car.
Clingmans Dome N. Car.
peat at 6100 ft.
13 miles WSW Shalotte N. Car.
5 mile West of Myrtle Beach S. Car.
Richmond Hill, Ga. 4 borings
5 mi. W. Hurson Fla
Okefinokee Swamp.
5 mi. N Salem, Fla.
2 mi. S. E. Palatka R., Florida
Flagler Beach Astatula, Florida
5 mi SW Polk City
11 mi. SE Clewiston, Fla.
6 mi. S Belle Glade, Fla.
Key Largo
Escambia River Swamp
10 mi E Bloomstown, Fla
Escambia River Swamp.
Shark Key
Key West - (Rockland key).
45
40
35
30
25
97
92
87
82
77
72
67

Live Oak Cottages

LIVE OAK COTTAGES
J. R. HOBBS, Owner

PRIVATE ROOMS
PRIVATE BATH
STEAM HEAT
HOT WATER

HIGHWAY NO. 17 — 3 MILES EAST OF
WILMINGTON, N. C.
DIAL 2-3908

Post Card

PLACE
STAMP
HERE

"The Chimneys"
St. George, S.C.

Thank you - I hope
you come back -
Mrs Madden.

+ 1 Nyssa sp. – Dead Swamp along Pettiwell Ditch
Aug 23

2 Aralia spinosa

3 Magnolia virginiana "

4 Vitis rotundifolia "
all fruit in bitter

5 Smilax glauca "

Smilax laurifolia " "

? " Ilex glabra (L.) gray "

Persea pubescens OK "

~~Magnolia~~ ~~Persea pubescens~~ OK
Magnolia

Viburnum sp OK "

11. Leguminosae ? " "

Desmodium viridiflorum (L.) D.C.

12 Myrica cerifera ?? " "

13 Baccharis halimifolia ? " "

14 ~~Cassia~~ Parthenocissus hirsuta (Donn Sm.) ? " "

NB #1 - 14 - collected along ditch growing on wet sandy soil - "Dry Swamp" -

15 Decodon ? Portsmouth Ditch Road - sand.

16 [illegible]

17 [illegible]

18 [illegible]

19 [illegible]

20 Xyris fimbriata Ell
Ferb.

~~[illegible]~~

21 Smaller Purple (ok)
Same location as 18

22 Chenopodium Nostic Small
Same as 18
Window beauty

23 Fennel ?
Same as 18
Small bush ca 10 feet

24 Cyrilla
Same — 1

25 Uniola paniculata (Sea oats)
Dune back
Hardy
Hardy
Hardy

26 Cassia Tora Leguminosae

[illegible]

27 Croton punctatus Jacq

[illegible]

7, 28 ——— Ilex cassine (L.)

[illegible]

29 [illegible]

30 [illegible] OK ———

Aug 7th 31 31 A – Sphagnum patch from surface of Alpine – Cyrilla – Pine wet sandy swampy woods – 2 mi SW of Sparkill R Rockland Co N.Y.

31 B – Same species as 31 A from 8" depth.

" 32 Cyrilla racemiflora – wet, swampy but sandy place in open woods. 2 miles SW of Sparkill Gorge, Rockland Co N.Y.

" 33 Cyrilla racemiflora fruits – same place as 32

34 Cyrilla racemiflora – [illegible] same place as 33

35 Cyrilla racemiflora – [illegible] same place as 34

Aronia arbutifolia (L.) Ell.

32 ? Evergreen ? Same locality as 31. Small shrub six feet or less.

? 37 ? Quercus virginiana Mill.
Sandy edge of wet Pine - Myrica woods. Shrub 6-8 feet

Lyonia ligustrina var. foliosiflora

? 31 ? Evergreen ? Same as 37

Gordonia lasianthus

Middle. Small tree in wet Pine - Myrica sandy swamp near Sandy - 32 - grows with Cyrilla.
Tree up to 30 feet ±

Cyrilla racemiflora - myrica wood with flooded swamp. Branches [illegible] Evergreen [illegible] but different from 31

41 Nyssa Ogeche —
Wet swamp — pure or nearly
pure stand of N. ogeche.

42 Surface peat or sediment
in Nyssa ogeche swamp
same locality as # 41.
depth of water 12-18"

43 Profile + surface aquatics for
Nyssa biflora swamp same
place as Section 1 # 42 —

44 Bottom mud + fruits of
Nuphar lutea in pool
1 mile north of locality #1 - #3

45 Leptodontium stoloniferum
on base of gum swamp. Not in
[illegible] Richmond Hill [illegible]
[illegible] Georgia

Sebastiania lignatina

Bank of Cauachee(?) River – sandy bottom land with cypress + spatter bush

Styrax

~~[illegible]~~

Same habitat as 46

Small tree –

Nerium oleander

Myrica cerifera

51 Lysonia nitida [illegible]

52 [illegible] glabra [illegible]

(Cav.) D.C.

53 Daubentonia punicea [illegible]

54 Albizzia julibrissin [illegible]

? 55 [illegible] West [illegible]

Leucothoë racemosa (L.) Gray

56 [illegible] ? Small plant
Best marks along [illegible]
1755 [illegible]

Fyonia ferruginea (Wall) Nutt

57 Lycopodium = alopecuroides L.
with [illegible] marks along
[illegible]

58 Quercus [illegible] small [illegible]
edge of swampy [illegible]

59 Taxodium [illegible] ?
Swampy marks along [illegible]
[illegible]

Taxodium ascendens (84)

[illegible] Same
[illegible] 59 – [illegible]
[illegible]

61 – Small [illegible]
[illegible] – [illegible]

62 [illegible] Junior
[illegible]
8/24 [illegible]

62 [illegible] glabra (L) [illegible]
8/26 [illegible]

764 [illegible] — no global [illegible]
8/26 [illegible]

65 [illegible] (9)
[illegible]
8/26 [illegible]

66 [illegible] — virginiana
[illegible]
8/26 [illegible]

67 [illegible]
[illegible]

68 [illegible] prob Copallinum (ok)
[illegible]

69 [illegible] cernua (ok)
[illegible]

70 [illegible] stellata Wang
[illegible]

71 [illegible]
[illegible]

72 [illegible] (ok)
[illegible]

73 Jaguculaeca racemosa (ok)
[illegible]

? 75 Trema mollis

? 76 Sapindaceae ?

Amphelopsis cinerea (S.) Buchly

77 Diphelia [illegible]

? 78 [illegible] Prosopis Balbisii (S)

79 Convolvulus [illegible] ok

80 Chaetotheca [illegible] ok

81 Rapanea guianensis (Au

?

ascendens (OK)

Funastrum clausum (Jacq) Schth

Ilex cassine (?)

Terminalia catappa P
(Indian Almond)

→ Palestine

88 2 [illegible] of Cordia [illegible]
Jerg [illegible] [illegible]

89 Wind [illegible] [illegible]
[illegible]

90 Fruit – lying on floor of [illegible]
fruit [illegible]
[illegible] large [illegible]
[illegible] ft [illegible].

91 Cordia ericoides – 2 [illegible]
Jerg [illegible] with [illegible]
[illegible]

? 92 Cornus farinina Mill. [C. sericea (L.)]
Tamarisk – [illegible]
[illegible] Jordan

? 93 Chrysophyllum oliviforme L.
same as 92 [illegible]

? 94 Psychotria [illegible] (Jerg.) [illegible]
[illegible] 92 – [illegible]

95 Parthenocissus quinquefolia Vine –
[illegible] leaf as 72

96 Sabal palmetto
Tamiami trail [illegible]
+ old flower.

97 ? Solanaceae ? Shrub –
[illegible] same loc. as 95
Solanum near verbascifolium

98 Jacquinia angustifolia ? small shrub
Same locality as 72 [illegible]
along Tamiami trail

99 Psidium guajava shrubs
along Tamiami Trail

100 Eucalyptus sp. – 9 ex
west of Mr [illegible] Sta. planted
along hardwood

101 agalea virgata (Ell.) [illegible]
swamps 2 mi. N. of Eustis, Lake Co. Florida.
Aug 30

? 102 ? Ilex cassine L. small
tree or shrub [illegible] 101

103 Rhus ? [illegible]
same as 101

? 104 [illegible] 1 mi. E. of Clermont, Lake Co. Florida.
Callicarpa Americana (L.)

? 105 Itea virginica (L.) [illegible]
or shrub - [illegible]
same locality as 101

106 Acacia arbutifolia (L.f.) Ell. small
tree - same local. as 101
Cassius (L.)

107 [illegible] small tree
in wet swamps [illegible] -
same local as # 101

108 Lyonia nitida (OK)

[illegible]

109 Magnolia sp. Borbonia (OK)

[illegible]

110 [illegible]

111 Viburnum nudum [illegible]

112 [illegible] (OK)

113 [illegible] OK

[illegible]

14. [illegible]

[illegible] – 10 [illegible]

[illegible] Out [illegible]

[illegible]

[illegible]

115 [illegible]

[illegible]

116 [illegible]

[illegible] 15

117 Gonia ferruginea

[illegible]

7 118 Kalmia hirsuta Walt.

7, 119 Lyonia Ligustrina

Leucothoe racemosa (L.) Gray

123 Calliarpa Americana

Satureia coccinea (Nutt.) Best.

OK

7 126 Celtis tenuifolia var. georgiana (Sm.)
small tree. Same local as 127
Tenn + Schwab.

? 127 ?
same local as 126

128 Styrax americana ~~Styrax [illegible]~~ OK
same local as 127

? 129 Prunus umbellata

130 [illegible]
same local as 125

131 [illegible] light [illegible] (monophylla)
[illegible] 2 [illegible] water

132 [illegible] coccinea (ok)
[illegible] Hay [illegible]

133 [illegible] Cutler (ok)
[illegible]

134 Sley
[illegible]
[illegible] 15 [illegible]
Allen

135 Sley
134

136 [illegible] = Crotalaria sagittalis
[illegible]

137 Symphoricarpos tuctoria
Big pink [illegible] same [illegible]
as 134

138 Common
Big pink [illegible] same [illegible]
as 134

139 Sly verticillata ?
Same as 138

140 Alnus Capulina (E.)
Same [illegible] as 139

Car Repairs =	35.67
Gasoline	104.95 ✓
Oil	24.59 ✓
Lodging	75.25 ✓
Meals	98.51
Miscell Food	5.65
Cigarettes	14.93
Miscell Expense	7.50
General Expense	24.51
Tips	7.30
	398.13

94.68

$$\begin{array}{r} 417 \\ 18 \\ \hline 417 \end{array}$$

see also page 138

Total = $35.67

[illegible] — .50

[illegible] — [illegible]

Sept 11 Tie rod end - Milton, Fla 5.75

Sept 11 [illegible] left front wheel bearing

pulling left front

Front hub bearing - [illegible] 23.[illegible]

[illegible]

104.65
24.60
27.68
98.50
15.25
12.75
21.85
[illegible]
$315.68

Lodging = 115.25

Aug 25	Hotel Taft, N.Y.C.	$ 8.00
26	- [illegible]	—
27	- [illegible]	—
28	- Tourist cabin, Suffolk Va.	$ 3.00
29	- Chesapeake, Norfolk Va.	—
30	- [illegible] Cabin (417) mi. Wilmington N.C. NE	4.00
31	[illegible] "Blowing" (Mrs Walker) St. George S.C.	5.00
Sept 1	- Sequoia Court, Richmond Hill Ga	$ 4.50
[illegible]	[illegible] Sequoia [illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
7	[illegible]	5.00
8	Milton Hotel	—
9		—
10		—
11	Hotel Quantang, Gadsden Ala.	6.00
12	Eagle River Road Cabin, Rutherfordton	[illegible]
13	Twilight Motor Court, 6 mi N Asheville N.C.	5.00
14	Bonnie Hotel - 9 mi North Cumberland	5.00
15	Darling Hotel - [illegible]	4.00
[illegible]	[illegible]	5.00

$$\begin{array}{r} 4.42 \\ 17\overline{)75.25} \\ \underline{68} \\ 7.2 \\ \underline{6.8} \\ 4 \end{array}$$

[illegible]

[illegible]

[illegible]

Food & Drink

Aug 25 Dinner, Front Page Restaurant, Water
Snack – 2 livermwst sand + cup coffee
Aug 26 Breakfast
26 Lunch – Elmer [illegible] [illegible]
Aug 27 at 315 [illegible] St
Aug 27 Dinner – Richmond Va.

Aug 29 Breakfast – Suffolk Va. (2 [illegible]
29 [illegible]
(at Hayden, Norfolk Va –
Aug 30 Lunch – Elizabeth City N.C.; Coxy
30 Snack – 2 coffee + 2 ice cream –
30 Dinner – Crystal Restaurant – Wil

	Cost of food	Tip
7 Coming for dinner 9 PM 2 hours —	2.91	.30
— 6 [illegible] capital N.Y.C.	1.20	—
" " "	1.90	—
Capital [illegible] good	1.60	—
Good good (2 [illegible])	2.52	.25
[illegible] 1 [illegible]) Capital [illegible] (2 [illegible])	.90	.1[illegible]
Creek [illegible] at [illegible]	.50	
[illegible] — food good	1.60	.15
New Bern, N. Car.	.31	
[illegible]ington, N. Car. (food good) 2 [illegible]	2.52	.15
	1.[illegible]	[illegible]
2 [illegible]	[illegible]	
— 2 [illegible]	[illegible]	[illegible]
	1.[illegible]	[illegible]
2 [illegible]	[illegible]	[illegible]
— Good [illegible]	1.90	.25
	[illegible]	
	1.[illegible]	
	1.9[illegible]	[illegible]
	[illegible]	
	[illegible]	

Meals +

Sept 2 Dinner — Engelsen Cafe, T. [illegible]
" [illegible] — Hallmann [illegible]
" 5 Lunch — [illegible] Cafe
" 11 Dinner — [illegible] Feeding Hut
" 5 Breakfast — [illegible] Restaurant
" 5 Lunch — Sotto [illegible] Restaurant
" 5 Dinner — [illegible] Cafe
Sept 6 Breakfast " " "
" 6 Dinner — [illegible] Feeding Hut
" 6 Lunch — [illegible] Cafe, [illegible]
" [illegible]
" 7 Lunch [illegible]
" 7 [illegible]
" 7 [illegible]
" 9 Lunch — M + N Cafe, Tekakwitha Hotel
" Feeding Hut [illegible]
" 10 [illegible]
" 10 [illegible] M + N [illegible], [illegible]
" 10 [illegible], [illegible]
" 11 Breakfast — Gotheborg — Feeding Hut
" 11 Lunch — Hallmann
" 11 Dinner — Gothenburg Tavern — (Pine)
" 12 [illegible]
" 12 [illegible]

	Ent	Tap
Stands 2 h	[illegible]	.75
	1.00	
	[illegible]	—
	[illegible]	[illegible]
	1.15	.15
[illegible]	2.00	.20
" "	3.00	.25
" "	1.45	.20
[illegible]	[illegible]	[illegible]
[illegible] Spanish	.70	
	[illegible]	
[illegible] OK [illegible] good		
good		
OK		
2 oz gold	2.75	.25
	[illegible]	
	[illegible]	
	.59	
	.41	
good	1.45	.15
[illegible]	1.38	.15
[illegible] (Too high [illegible]	[illegible]	.20
	[illegible]	
[illegible]		

Sept 13 Dinner Meals + Reservation Gulch - Chinaches

16 Lunch 12 miles to Pittsburgh 1.6

18 Dinner St. Clair Falls

11
5.18 × = $5.18 per day for 2

19)98.51
11
351

Food	Incid
3.00	1.60
1.60	
2	
2.10	10
	10
2b, 2w.	
1.10	
1.40	
1.10	
2.10	
2.30	20
$98.48	$7.30

Cake, Pop + Mucilll Book 1/
$5 65

Aug 25	cake		.10
26	pop + cake		.20
27			—
28	cake		.10
29	cake		.10
30	cake + peanuts		.30
[illegible]	cake		[illegible]
[illegible]	[illegible]		[illegible]
[illegible]	[illegible]		[illegible]
[illegible]	[illegible]		[illegible]
[illegible]	[illegible]		[illegible]
[illegible]	[illegible]		[illegible]
3	[illegible]		[illegible]
[illegible]	[illegible]		[illegible]
[illegible]	[illegible]		[illegible]
[illegible]	[illegible]		[illegible]
[illegible]	cake		.15
[illegible]	[illegible]		[illegible]
5	[illegible]	[illegible]	[illegible]
6	Beer (1)	Smith Bay	.60
6	Lemonade	Mineral Ha	.30
7	Lemonade	Coloring Ha	.30
7	Peanuts	" " "	.10
7	Cake		.15
7	1 cake	Cocoa Ha	.10
7	1 [illegible]	[illegible]	[illegible]

13 3 beans – [illegible] .75
14 3 coffees – [illegible] NC .10

[illegible]

15 [illegible]
16 coffee – [illegible] – [illegible] .35
[illegible] .15

STBC Expenses

Gas Tickets = 71 gallons = $14.23

Other = $7.50 (no receipts below)

Aug 25		.40	Sept 1 Tickets	Telegram	.23
			1 Hr 40	Bridge & Tolls	.60
26		.40		Ferry	.88
27		.40			
28		.60			
29		40		School Supplies	1.89
30		.36		Tow [illegible]	.25
30	[illegible]	.20			
31		.36		Grocery Bill	
31				Cigarette Co.	.70
Sept 1		[illegible]			
1		[illegible]		Bill Hanna	
2		[illegible]		Cigarette Co.	[illegible]
3		[illegible]		[illegible]	[illegible]
4					
5	(2)	.46			
6	2	42			
6	2	50			
[illegible]		[illegible]		Sept 1 [illegible]	[illegible]
9	2	.63		[illegible]	.69
9 + 11	2	1.00		[illegible]	[illegible]

Personal items = $24.58

Sept 5	[illegible]	.78
	La Conde Pearl	1.25
	" " "	1.25
	[illegible]	1.50
	[illegible]	1.00
Sept 7	2 Post [illegible]	.30
9	[illegible]	3.55
10	[illegible]	3.50
11	Hotel [illegible]	[illegible]
11	Tow [illegible]	.25
12	[illegible]	[illegible]
13	[illegible]	[illegible] 2.00
14	[illegible]	1.00
15	[illegible]	1.00

[illegible] 17 [illegible]
[illegible] 19 [illegible]

Gasoline: gallons 370.1 Cost = $104.85 (avg: 28.1¢ per gallon)

Oil: quarts = 93 cost = $24.59

Aug 25 Speedometer reading 97350 3:15 P.M.

	Gas			Oil			
" 25	11.8			.20			
" 25	18	1.96	2	.70	2	.90	
26	15	1.40	1	.35	4		
26	5	2.00	2	.60	5		8 gal. 1.4
29	27	1.50	1	.40	Sept 6	17.2	2.18
"	22	1.60	1	.40			
Pass. 30							
30							
					7		
	St. gauge				8	16.7	2.04 1.49
			1	.10			
	gauge						
1	8			.10			
1	8		1	.30	11	10.3	
6	2		2	.70	11		8 gal 1.7

Date	Gas	Oil	Date	Gas	Oil

Meals + Lodging Etc

Coordinates for Cambridge 97350

Aug 15 - Dinner Waterbury Conn. Fort Page Restaurant $2.91

Tip Cabinet .30

97350 Cigarettes .21

gum .05

Pop .10

Telegram .73

Hotel - 7 [illegible] NYC After [illegible] 7.[illegible]

Parking 1.50

Total 2.00 [illegible] =

Aug 16 Breakfast [illegible] 1.7[illegible]

Lunch - [illegible] 1.[illegible]

97630 Jerry - [illegible] .[illegible]

Jerry NYC

Arrived in Washington DC at 10:15 AM.

Left [illegible] at 4 PM.

Aug 17 Stayed in Washington.

[illegible]

[illegible]

All transferred to [illegible]

1949

Aug 28 Left Worth 4:30 on 4:45 D: T_A
Lexington Arrived Suffolk at 11 PM ΔT
11,900

Cloudy + threatening from west
Suffolk south - gray & sunshine - [illegible]
88111 spot rain somewhat north of [illegible]
200 miles Aug, [illegible] darkened with
scattered lightning and heavy
downpour through Franklin. Passed
alternately heavy and single th
Varied = Richmond, heavy rain all way to
2.52 Petersburg, with gale force winds
between Petersburg & Suffolk
Value of arrived 8:30 & WSW and
Suffolk drizzling rain, overcast but
2.00 Sometime [illegible] Sat morning
[illegible] a limited was where [illegible]
[illegible] but [illegible] hopped on filled by [illegible]
Many large trees & [illegible] of
trees flashing [illegible].

The storm represents the [illegible]
ing disturbance of the entire [illegible]
storm which crossed Pennsylvania
yesterday morning and which
was [illegible] Wednesday [illegible]

at in P.M. last night.
Tree outside the Tennis court
face is Fraxinus platanoides
(Sorbus platanoides L.) –
would not doubt if last year
learned to common sense from
residential blue = Jaguar [illegible]

May 29 — Dennis Swamp Day.

Left Indianapolis at 8:15. Got
with Dennis Swamp about 11 AM
- Left car at Long Entry Bear Creek
on south side of Bridge near north
road. Took a core composed mud
18" at 8.5 inches; general information
on country & apparently always covered
flat - open [illegible]
Bottom muck is sandy but [illegible]
in attempting to clear it. Took us much
to find. Past two shallows & finally
into a sandy gray clay
walked 3 1/2 miles north from this point
to collection station & last year - not
much. Took samples to depth of 5' -
sand at bottom - peat mostly below
3 feet. Water came into hole. Vegetation
here much lower but dense, same species
as on bottom. Not much [illegible] or wild
except do I see.

Took another surface sample 4 miles north
of the second location - rather dry - mucky soil
Nesopitta tenuifolia - left quickly
Reached at 4:30. Stopped at Tolu & Tower

Chogan [illegible] & Myrtle Beach near Norfolk

August 20 — Wilmington, N.C.

[illegible] Left Myrtle Beach at 11.20 after having blood changed.

Arr. Wilm. 4.30 — Myrtle Beach

Weather warm & humid, with pelting rain. Heavy heavy showers on our north & N.E. on after time.

[illegible]

Sh. 10

Saw first Tillandsia on live oaks near Chadbourn & Sweet-gum swamp near Kelly & Lake.

Thunderstorms chiefly to east & south with & Washington N.C. Heavy shower N.E. of New Bern. Amount of lightning to east & N.E. all the way to Wilmington. Cooler later in afternoon.

Arrival Wilmington at 4.30.

Below the Dismal Swamp the forest vegetation became much heavier in the adjacent swamps. Always there are [illegible].

Saw several specimens of Magnolia grandiflora about 50 miles north of

New Bern. Large Cypress near
along river from Elizabeth City
N.C. south.

Aug 31 — St. George's Bar — L. (1 '11)

Quiet! [illegible] for [illegible]

Left Wilmington about 12:30 P.M. Sails on 1st 17. Collected post cards in typical passage about 15 min. [illegible] Shortcutting all — [illegible] [illegible] for [illegible] passengers (R. Jacobs?) not 1 [illegible] [illegible] [illegible]

[illegible] transported material. The
vegetation dominated by Myrica
californica (N. myrtifolia?) formed the
chief [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [

[illegible] gives month of the day
shows from the east in Michaelmas
at 7 AM – middle month, and
through into shows in 3rd week
of Michaelmas – September Equinox
[illegible] month – October. The
[illegible] shows 11-12 in
[illegible] of which planet with [illegible]
month [illegible] 10 [illegible] of digits
[illegible]. Show in 3rd week from last
month to Christmas. Transition [illegible]
not [illegible] to month – Christmas
and [illegible] it is [illegible] not
[illegible] [illegible] [illegible] digits,
but [illegible] the [illegible]. [illegible]
nearly half of the day [illegible] planet.
Observatory of St. "Chronicle" – in
St George a few blocks north of [illegible]
[illegible] – Mrs Hopkins [illegible]. [illegible]
place [illegible] & Clem

September 1 Sequoia Court, Richmond Hill Ga.
Leave old Camp at [illegible] 9:15

Road straight across flat country from St George to Sequoia. Nearer the bayou is bounded quite rolling - most in some elongate Ga. Seminole River rolling under - flat on both. The roads are in fair or very worst of - a rock with bowlders.

Reached Sequoia Ga. about 4 PM. The town is on the Georgia R.R. about 1¼ mi north of 31st 75. Rolling dry hillside - no running bands. Exposures of fossiliferous Jackson sediments not to be found. Talked with various of country people relating the school prospect. Mr. Johns found [illegible] bluish-bearing clays have been found which plants in walls. The old abandoned pottery site and with bluish bearing clays found pottery debris can be found right AB just east of the village - secured samples of these - consists of chalky clay with mottled organic debris. Mr. John tried of sinking a well 13 feet until

Look for the foundation stones in the hill west, dig and finding Bed rock at depth of 21 feet down for sand pit then the rubbish sand. Sequence in the well

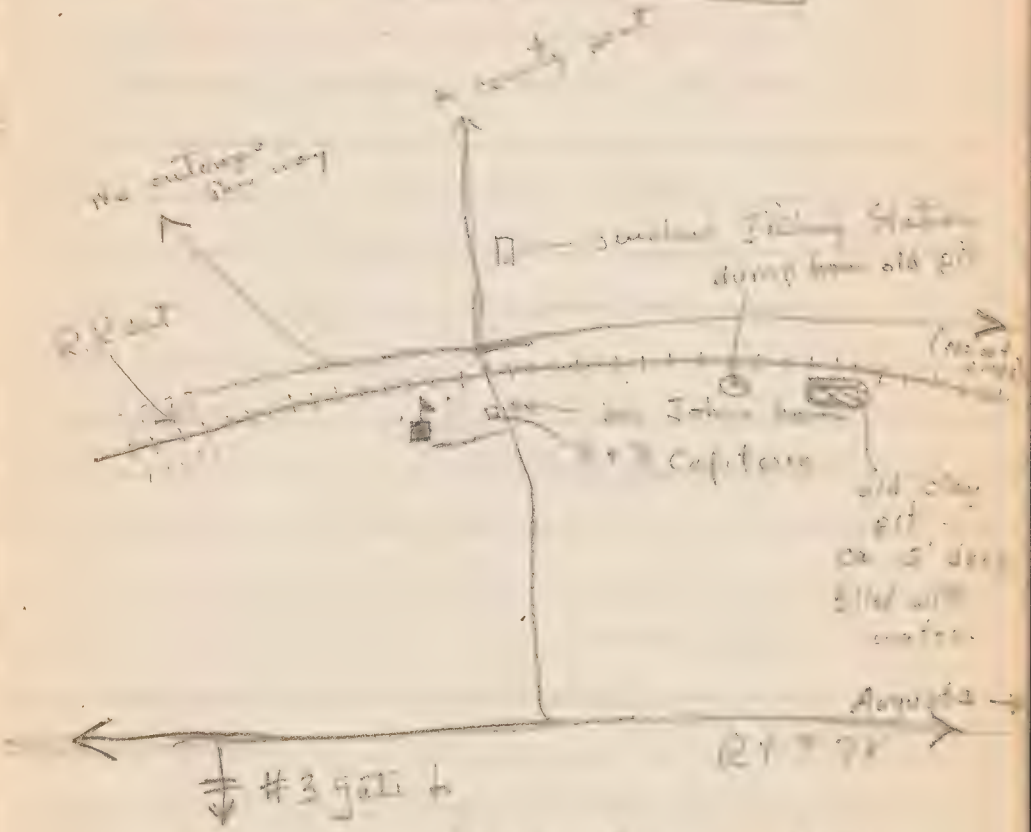
Rubbish sand
Chalk & hard clay
Bog heavy clay
Pit sand

A section of the Sunken Fishing station in the village shows:

Rubbish sand
Chalk (clay) white above & hard (marked separate) the brown
Mixture of clay, sand, iron oxide & some manganese & lighter patches
Sand at 40 feet

This well was put in during the past week & the mentioned fakes not were in the ground to be seen!

Jackson Locality at
Groveton Georgia
Sept 1, 1949



Collected from the dump [illegible]
[illegible] Sept. [illegible] about 7, same
[illegible] to August [illegible]

[illegible]

[illegible] St Augustine Fla.
[illegible] Richmond Hill [illegible]

West north on RT # 13, turned off on the sand road leading to the N. Cypress swamp. Road partially flooded and impassable beyond first quarter mile — about a three fourths mile in from the paved road — had flooded last [illegible] [illegible] bad cut a channel 2 feet deep into the road. Left the car & walked in to the swamp. Took two core samples, one from 18" and one from 3 feet — sandy, black gritty "peat" showed [illegible] few of the usual plant fragments & amorphous. Below this is sand. Left before the constant rumble of thunder developed into a heavy rain — at 5:15. Lunch at Richmond Hill.

Started north on RT 17 at 2:30. Vegetation from here to near Brunswick consists of dense deciduous forest swamps with interspersed areas of [illegible] and lands — chiefly swamp. The region

[illegible]

[illegible]

[illegible]

The N Equatorial [illegible]:

N Equatorial [illegible]

N. Equatorial — [illegible]

[illegible] — [illegible]

[illegible]

[illegible]

[

flashes of lightning. Thunder began at
8.15 with some rain. From
about 10 A.M. until 12.30 sky
was overcast with grey rainless sky
in from the east, blue to the
to west and south. Thunder Dan
began again from E N E about
1.15. Passed altogether away and
sky with moderate lightning at
Bakewell Hill until time of leaving
there about 3.30. From Bakewell
Hill south to 12th 11 rain became
heavier on approach from east, and much
lightning. Became darker and darker
with constant gathering of heavy rain
bearing in from E N E and foreign
of rain. Lit up some north of Dorrington.
Then extremely dark until up to Dorrington
Dorrington and the meadow. Stopped at
Dorrington and waited until rain slacked
off. With our hour has probably
fallen of lightning struck east side of
the tree, second within a few hundred
yards - all from a clear grey sky.
From Dorrington to Cleemarsh sky heavy

[illegible], low lying. Unusual. A
[illegible] [illegible] heavy rain, then
[illegible] very hard to 55 and blinding
rain for several miles to [illegible]
Stopped here. [illegible] seen to unwind.
Then another deluge moved in from
East over Kingsland. Stopped here
for dinner at 6:45 in a heavy rain,
low lying. The [illegible] to 6.52
from [illegible]. Shortly after stopping
rain ceased very strangely [illegible] all the
lights in the house went out, and
stayed out. The power line from
Greenville was apparently shorted [illegible]
Calhoun Falls (from [illegible]) to ground
[illegible]. Shortly after leaving Kingsland
crossed the North state line.
We moved & stopped in [illegible]
[illegible] 1 St Augustine. Heavy
[illegible] only a very brief shower had
occurred in Jacksonville.
Started total [illegible] which fell in [illegible]
today = 7-8 inches.
Tonight at St Aug. heavy gusty
gusts and [illegible] lightning.

Sept 3 Breakfast at 7.30. Start hour and half on. At Angabira, the old fort and the town. West side of road is palatable - Tiny flat pine - wash palm - cypress pine country. Take care at the edge of dense Nerra - Nyssa - Cypress & shrub country. Feet 2-0 feet - water at 3 feet - then sand at 5 feet. Take another care on a pretty gum - Nerra stand a few miles west of Hughes Creek. Abundant. Delightfully hot - great quite the layers are gray clay with marine shells stiffy clay. The bores were put in in 10 of water. Surrounded by large number of decaying palmetto logs.

Camped on in black sandy peat a quarter of a mile west of the sandhill (with willow) back of Hughes Creek. Tracks seen but not recently but the Rivers have still gum. Eg = Rivers (dropped) Cypress - Lerbin, Cypress to 8 feet = from 1 feet

[illegible]

[illegible] Key West [illegible]

Breakfast on board. Left about 10 A.M. - drove out for about 12 miles into a vast flat of grass and with lily among. Noticed coast to land is considerable higher & supports a good deal of palmetto vegetation. Found earth and cones out on the coast of Matanzas.

Lighthouse keeper's house is also provided with a Stuart & Langs [illegible] of the telephone poles for using made use known the best comparison [illegible] the effects of the storm on the [illegible] vegetation. Saw only a few [illegible] houses knocked down. The hurricane must all but with passed the coast at Pensacola. Tortugas lighthouse knocked down of 100 mph. Passed on West Point [illegible] drove to Apalachicola. Drove out along the bay coast lighting [illegible] Nearly

September 5
Key West

September 6 - Tuesday. So. Bay [illegible]

from Key West 99928

Left Key West at 1 PM.
Arrived at Homestead at 5
Weather clear & get cloudy - almost
all time over the islands - some
clouds were scattered [illegible] left.
The waters of the islands and the
shallows are among the large or
exceptionally [illegible] and attaining [illegible]
to the world. The bottom of the shallow
waters is almost pure white, with
old quadrations [illegible] large [illegible] for [illegible]
island.

Collected small specimens of big
large - small [illegible] - [illegible]
bay at very shallow - [illegible]
Homestead. Vegetation - a [illegible] bay of
hardwood forest - [illegible] 20-30 feet
wide - [illegible] [illegible] - [illegible]
[illegible]

Stopped at [illegible] [illegible]
[illegible] - [illegible]
Stopped for [illegible] hours - [illegible] collection
probably the largest [illegible] [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Sept 7 [illegible] Bay [illegible] 20197

20197 Discovered that we were in
vicinity of the sweet land farmers
area. Thus A M Day Creek Irrigation
Company. That [illegible] have
rapidly developing the part [illegible]
given attention early development
began about 1905. A M Forbes
mentioned in the settlement was
one of the early sweet farmers —
The water for irrig the sweet crops
come from [illegible] it is so fast depth
along water domestic [illegible]
Labor for harvest crops [illegible]
per acre. Wages labor [illegible]
paid $1 to $1½ per day for 9
hour day. Orchard paid by [illegible]
fruit. Some pickers make up to $10-11
per day. The area around South
Bay is planted principally to
beans and corn. The produce is
chiefly shipped north fresh, not canned
Certainly [illegible] land [illegible] as many
as three crops per year. Mr Forbes

~~[illegible] Wilkins [illegible]~~
with some guns. The Indian
Daughter and returned to the Island
of Luzon. Jordan down
river.

Expedition began to explore
United States — upper mouth of
Lambay — was considerable fall —
will find was [illegible] from mouth
[Mr. Ford down 237 South of
Lambay
Rear Wilkins — 20 E. [illegible] of
Lambay]

One of the most [illegible]
pictures I ever saw [illegible] through
an [illegible] Island [illegible] as
[illegible] [illegible] [illegible] of the [illegible]
[illegible] [illegible] [illegible]
He [illegible] [illegible] [illegible] a [illegible]
[illegible] [illegible] [illegible] There are [illegible]
[illegible] [illegible] [illegible]

Sept 5 Leave Wilkinson Ck. [illegible]

Left Wilkinson at 12 noon
arrived at Kyle at 10:45 [illegible]
C.P.R. CST]
Country between Wilkinson & Kyle
being either flat - open hills
forest alternating with bare
hard wet swamp forest. Magnificent
grandeur quite absent. Occasional
glimpses of large angular cliffs
[illegible] more abundant near
Kyle. Topography becomes [illegible]
a most fully developed Tableland
S.E. of Tel. rising from Lake
Ottawa. Tel. is apparently flat
[illegible] including [illegible] a point
[illegible] for the opposite shore
[illegible] the water becomes
[illegible] when yet on the steamer.
Quite exciting — the first glimpse
[illegible] 4-5 miles wide — a set of
disappointments [illegible] forest
and swamp and — this sensation
prevails throughout the region

known to Panama City. What is
Panama City the great [illegible]
beach situation along the coast.
There is a considerable beach [illegible]
for situation of coast and for the
depth of the adjacent [illegible] is
shoaling to within [illegible] yards of
the main street, then [illegible]
of increasing angle inshore. Bathing
[illegible] placed to within [illegible]
feet of the street.

The [illegible] is a [illegible] coast of
Panama City beach [illegible] has been
quite extensively built up with beach
houses, many of them quite pretentious
frequently at a fairly [illegible] and
[illegible] brought the [illegible]
[illegible] that [illegible] beach
[illegible] to [illegible] a [illegible] feet. Thirty
feet given [illegible] at [illegible] feet
[illegible].

Sept 9 Melton, Florida

Connection of [illegible] plants with soil of Melton Fla

[illegible] low swamp – [illegible]
[illegible] 24 in [illegible]
[illegible] – [illegible]
Myrica [illegible]
Flexuosa – abundant
[illegible] – [illegible]
Vitis – [illegible]
[illegible]
Tacamahaca – [illegible]
Glabrata – [illegible]

Connection of Economic Forest plants:

Liquidambar – [illegible]
Myrica } – [illegible]
Tacamahaca }
Vitis [illegible]
[illegible]
Ulmus – large [illegible]
Platanus – [illegible]
Salix – [illegible]

[illegible] point [illegible] [illegible]
from these [illegible] [illegible], [illegible]
[illegible] [illegible] of [illegible] [illegible], [illegible]
[illegible] the [illegible] [illegible] [illegible]
[illegible] very [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] throughout the [illegible] [illegible]
[illegible] with [illegible] with [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

Sept 10 Milton, Florida

Collected pod samples on a Cephalanthus thicket west of Milton, Fla. The plant forms almost a fairly dense association, and grows first large in a marsh nearby part. The only other perennial plant on the thicket is Smilax bonanoxiensis. Edge of thicket which borders marsh is well wooded, mainly by oak, Sphagnum, Sarracenia etc.

Look for S. Purpurea and S. Rubra while here. Take the plants home. Some broad white sandy beach ~ [illegible] all along the coast to the east.

Sept 11 Gadsden, Alabama — 12 miles.

Leave Milton at 12:00 Noon
Speedometer 00986

Left Milton on Rd 90 →
Crestview → Florala Alabama
→ Elba → Troy on Montgomery
→ Ozark → Gadsden

Quite level going very to Crestview
forest & farms mostly. Small
level or alternately rolling & level
thereafter. Level section prior to the general
appearance of the area and prosperous
land between Elba and Troy and
region of the Spanish Moss south of
Montgomery. The countryside became
very prosperous during level of
Cultivation through the area very good
the land of another sort — appearance
North of Montgomery topography
becomes hilly — rolling hills

Driver is [illegible], a native of
Gadsden — also has degree &
not yet [illegible] of Gadsden

and found our rain gauge
which having stood overnight, also
broke down.

Slept overnight in Gulches

Weather, sky fair cloudy and rain
and all day wind NE

Ogles Cover Road Cabin
Gatlinburg, Tennessee

Sept 12 Leave Greenville 12:40 EST
Spartanburg = 0134 E
Arrive Gatlinburg = 0120

Hills & valley & ridge most ? rain
road good with few spaces. Arrived
at Gatlinburg at 8:30

2000 [illegible]
3000 67°
4000 [illegible]
5000 [illegible]
6000 [illegible]
6500 52°

Sept 12

Left Gatlinburg at 10.00 took road through cañon back to Tennessee branch of Gatlinburg.

Woody vegetation = mostly hardwood forest up to 3000 + feet. many species very luxuriant

Liriodendron

Platanus - [illegible] esp.

Fraxinus

Acer

Ulmus

Returned to Tennessee via the cañon road, - back to Gatlinburg for lunch, got to top of Mountain Top about 3.30 after unusual stops and a few walks. The cycle lasted [illegible] of the usual the long hardwood forest covering the first development yellow band of 4 5 feet b.h. diam [illegible] - very tall trees. [illegible] great orgs are common

Liriodendron" [illegible] the [illegible] about 3500 feet, also such species as Magnolia

Magnetic & below [illegible] etc
at [illegible] but would [illegible]
[illegible] [illegible] against for [illegible]
[illegible] [illegible] at about [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible]

Sept 14 Leave 9 mi North of Columbus O.
Speedometer = 01750

Arrive 9 mi north of Cincinnati Ohio
Speedometer = 02205

Very fair the worst road of the entire trip.

Sept 15 - Berne Hotel, 8 mi north
of Cincinnati.

Sept 16 Lv Colum at

arrive Pu at 11:50

		1.97	
		.40	
Hotel, [illegible]			1.55
[illegible]			.10
[illegible]			.25
[illegible]			.15
[illegible]		2.11	
[illegible]		1.00	[illegible]
[illegible]			1.00
[illegible]			.50
[illegible]			.15
[illegible]			
[illegible]			[illegible]
[illegible]			[illegible]
[illegible]		1.01	
[illegible]			.06
[illegible]	5.00		

Sept 16 to Columbus Ohio =023 52
at

arrive Pennsylvania Penna
at 11:50 Speedometer 02702

Hills, rivers, streets, cities, towns — nothing for at night.
Weather cloudy most, the day
[illegible]

Sept 17 Leave Pueyatawney Pa at
[illegible]

Road through limited plain
[illegible] low relief. Occasional
hills. Woodlands = second growth, in
[illegible] sense. Maple, Birch,
Beech, etc. Few conifers.

Just north of Pueyatawney stop
[illegible] unusually local abundance of
Arabis clavi-fructis.

Weather — fair to good.
Morning fog. Wind SW
not to peak & strong

Sept 18 [illegible]

Pt cloudy AM until about 11 Below heavy clouds from southwest and shower - some lightning. Moderate rain for a few minutes, then drizzle and intermittent showers. Warm front - wind SE.

Road from Berg. to Schenectady good except for water & down grade. I lose most of the way. Arrived Albany at 4:30.

From Schen. to Saratoga 1 or 2 miles north fair with some clouds. Near 14 Thunder heavy clouds to WNW followed by rain, heavy in places. Entered Green Isl with clouds & rain - becoming warm. In region just above Whitehall seems to be overlap between Champlain & Mohawk and Tacoma - need more full measures to interpret. Road into are good.

Arrived at Lafayette County at 6:35 and took a last look around.

Sept 19 Arrived in Cambridge at 4:30 AM
Speedometer: 02421
Left Brewster last night about 10:30 - weather clear, but dry in spots & was hot, then cloudy and fog. Rain from south of Lubbock to near Texas state line. Most difficult picture for driving was valley & hill fog.

42 = Opelika [illegible] Richmond Hill Ga
surface [illegible] 13.14' [illegible]

43 = Nipan before [illegible] [illegible] 120 yr
palette

31 A – Palatka – Rock Hill Ga

31 B – same place – 31 A for 8 [illegible]

89 – 2 mi N Astatula Florida

88 – palatka – same – C9

— 10 mi E Bennettsville S.C.

— Okefenokee palatka

— Escambia River

— N. Ca – S. Ca line – Rt 17

— 9 mi S Smith Mills N. Ca.

— Okefenokee

Peat Samples - Area

Location I - Dismal Swamp
51 ft SE of cross ditch on
Portsmouth Dist. - 3 miles N.
Yadkin. [illegible]

Sample #1 = surface
[illegible]

" 2 = 18"-19" | surface veg. mainly: Pokeweed, aralia, smilax
Sample area 10 " | Scar, Rubus.

Location II [illegible]
[illegible]

Sample #1 = 18" [illegible]
" 2 = [illegible]

[illegible]

Sample [illegible]

Here density varied - same wooy flora as location I but lower [illegible]

Location III - Visual survey, Zone [illegible] I
Sample #1 = [illegible]
[illegible] pine [illegible] forest

1 mi w
54 mi

Photographed - all on - with
first [illegible] after 18th August

Location X Shark River, Florida Keys

Sample 1 surface peaty soil. vegetation: small tropical hardwoods for heavily wooded forest. Soil to 11' deep with limestone bed rock.

[illegible]

Gardens – Yell – 40-50 x [illegible]
Vetis natural
Magnol grand
Plum

[illegible]

[illegible] 1-6" – sandy [illegible]
6" [illegible] – lack [illegible]

[illegible] surface to 2" – peat
+ [illegible]

Vegetation
Algaeia – Pin
Nyssa – [illegible]
[illegible]
[illegible] – Bir

Section XVII

5 mi. w of Monson, Fla.
Hardwood swamp.

Sample # 1 - surface
(wet)

2 - 4-6'
gray organic clay.

3 - Peat organic clay 2'
& 2 2" depth, sandy
below.

3 is from a small bog
just east of # 1 + 2

4 Sphagnum peat [illegible]

[Peat very woody]

Clay. [illegible]

Magnolia - [illegible]

Nyssa [illegible]

Pinus

Quercus

[illegible]

[illegible]

Section XVIII – Flood Plain
of Tonawanda Creek, Pa.
& mid end of Century

Sample #1
[illegible] from surface at
edge of [illegible] very open
-grain [illegible]. Sediment gray
& [illegible] with [illegible] fragments
[illegible] Tarrytown Range. Detail
[illegible] [illegible]

Location XIX

1 mile west of Melton, 200 yards north of Rt # 90.

Sample # 1 – surface sandy peat – softer in top more sandy below. Few surface leaves – upper layer.

Sample # 2 – sample from 3 inches to 13 inches – more sandy below.

Sample # 3 – Sphagnum peat from same locality – at 1, 10 feet west.

Vegetation = [illegible] of Sphagnum magnifolia – almost [illegible] Similar [illegible] = [illegible] with Sarracenia [illegible]

Location XX

Sphagnum plateau at 1/20
Sept 15 ft. elev. Gt Smoky Mtns
10 mi S of Gatlinburg Tenn

Location XXI

Spruce fir forest sphagnum
Sept 16 peat forming on surface
6650 feet. Top of Clingman
Dome, Gt Smoky Mt Tenn

#1 Wet mark - Key nail, Singer
Sept 5 Lost key.

Phosphorescence [illegible]

2 Same [illegible] as #1

Sugar [illegible]

3 Same as 1 - Accession [illegible]
(OK)

?

4 - Bottle only - Same [illegible]
as 1
= Consciousness

5 - Same [illegible] and
about 1-3 [illegible] ?
Borrichia [illegible] (OK)

6 Shoe key - dry [illegible] -
[illegible]

= ~~[illegible]~~ ?
Apiomorpha tenuissima (K)

7 Stock key – pure acid
[illegible] – [illegible] –

Callicarpa americana L.

8 123

9.

? Eugenia (~~[illegible]~~ elem?)

10 Same as 6
Eugenia (burgeria ?)

11 Same as 6 –
Eugenia buxifolia (K)

12 Stock Orlando, key cut
SO2 / charcoal under dry
tree 2m – 2½' ft rock

* Metopium toxiferum K.

= ~~[illegible]~~ ?
Ipomoea tenuissima (OK)

7 Shark Key – open scrub area – plant [illegible] –
= ~~[illegible]~~ Randia (OK)
Rubiaceae = Randia aculeata L.

8 Same as 6 –
Bottle only
– Conocarpus

9. Same location as #6

? Eugenia (~~[illegible]~~ axillaris?)

10 Same as 5
Eugenia (buxifolia ?)

11 Same as 6 –
Eugenia buxifolia (OK)

12 Stock Island Key – not 30 yr ? [illegible] – only tree 20 – 15 – 11 feet
* Metopium toxiferum OK

13 – Shark Key – same local as #6

~~Pithecellobium (hystrix?)~~
Pithecellobium guadelupense

14 Shark Key – same local as #6.
Tree – 20 – 25' tall.
~~Manilkara~~ Sapota achras

15 – Key Largo – edge of dense woods – small tree – Pithecellobium unguis cati

16 Same as #15 ~~[illegible]~~
shrub – Lantana (involucrata?)

17 – Same local as #15 Small tree Myrsinaceae?

18 Same local as #15 small tree

19 Same local as #15 small tree & shrub
Mangrove Rose –

20 Small tree. same local as 15. = Guettarda scabra subsp. (EK)

21. Sand dune west of Pensacola city small low growth.

22. Ilex sp. 4 mi west of Milton, Fla swamp forest –

23 Viburnum nudum (OK) 4 mi west of Milton Fla swamp forest

~~Capriifolaceae – Vibu~~

24 Cyrilla racemiflora – (OK) swamp 3 mi NE of Milton Fla – [illegible]

25 Viburnum cassinoides (OK) swamp 3 mi NE of Milton Fla – same local as 21

26. Same local as 24 – shrub along edge of sandy swamp Hypericum

27 Swamp forest on sandy soil, flood plain, Escambia River. Common. Ilex myrtifolia

28 Myrica cerifera — (ok)
Swamp forest, 4 mi west of Mansons —

29 ? Rapanea guayanensis — (ok)
Swamp forest, same locality 28.

30 Nyssa sylvatica? Swamp near Indian Theater — edge of swamp, 3 mi N of Milton (ok)

31 Stream bank, Pitchford Town. Wooded slope — Red berry or drupe
Ilex

32 Swamp bank — large pink Styrax

33 Dry pine woods — 2 mi N. Milton, Fla
Geobalanus ?

[illegible]

19	Aug	23	[illegible]
19	"	24	[illegible]
20	"	25	[illegible]

[illegible]

[illegible]	1	[illegible]	[illegible]
[illegible]	2	"	[illegible]
	3	"	[illegible]

Silicified Wood -
~~Route~~ -
Cut on Illinois Central
R. R.

5.000

5

100

01

$\frac{1}{54}$

$100\overline{)5400}$

.185

$54\overline{)1.000}$

54

460

432

280

270

100

3

2

8.

107
60
50
15
15
56
37
310

C

107
42
24
23
23
18
56
47
300

18
15) 260
15
110

2.45

2 3.7
27.5) 1.000
81.5
18.50
25

441

10
90
25
23
22
31
28
16
30
32
299

3.7
27) 1000
81
190
189

23766
.441
24207

142
299
441

24867
538
329
210
539

25
25
50

25411
25160
251

100
10
10
22
142

1.2
5.2
6.4

23766
142
23808

142

24538
299
329

23766
142
23908

chyll

1949 Peat & Sediment Samples
1 2 + 3 - Dismal Swamp
4 - So. North Carolina
5 - Myrtle Beach S. Car.
6 -